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Butterflies of Medike (Soutpansberg Mountains, South Africa) with some notes on spring butterflies (Lepidoptera)

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Abstract: Butterflies of Medike (Soutpansberg Mountains, South Africa) with some notes on spring butterflies (Lepidoptera). *Cent. Ent. Stud., Misc. Pap.* 91 / 92: 1-9, 1 Tab.

In this paper totally 104 butterfly species at Medike Mountain Reserve Station in Soutpansberg Mts. (South Africa) are listed with their synonyms and ranges. Besides, butterflies of spring aspect are given in Table with information on nectar plants of adults.

In northern South Africa, the authors visited Soutpansberg Mountains, especially Medike Mountain Reserve Station four times between the years of 2003 and 2004. This paper deals with the information on the butterflies living in Medike, with their spring aspect in September 2004.¹

Totally 106 species of butterflies are found in the whole year. Between 5 and 20 September in 2004, totally 75 species of butterflies are recorded.

Spring butterflies are mentioned in Table 1, with their nectar plants and other feeding activities. Butterflies of Papilionidae and Pieridae visit flowers more frequently than those of other families.

In the main list of the butterflies are listed alphabetically under their families. To each species synonyms and information their range are added. Nomenclaturally unavailable names marked with “#”. States, countries or sites, where the butterflies recorded are indicated as codes. The explanations of the codes may be found and downloaded from the following internet site: <http://www.members.tripod.com/Cesa88/CODE.doc>

LIST OF THE SPECIES KNOWN AT MEDIKE

PAPILIONIDAE

1. *Graphium (Arisbe (angolanus-gr.)) angolanus* (Goeze,1779) Synonyms: *angolanus* Goeze,1779; *corrineus* Bertoloni,1850; *anthemenes* Wallengren,1857; *lapydes* Suffert,1904; *howelli* Turlin & Lequeux,1992. Range: AO ZW MZ ZA Tva Nta Kzu Spb Lj Mdk Ent Kru Pma MW ZM BW ET KE TZ UG SD ZR NG SN GA GN SL LR BF GH TG CI CM TD CF ZR.
2. *Graphium (Arisbe (antheus-gr.)) antheus* (Cramer,[1779]) Synonyms: *antheus* Cramer,[1779]; *antharis* Godart,[1819]; *nyassae* Butler,1877; *lurlinus* Butler,1883; *evombaroides* Eimer,1889; *utuba* Hampson,1891; *hollandi* Grose-Smith & Kirby,1894; *mercutius* Grose-Smith & Kirby,1894, etc. Range: ZA Tra Tva Spb Lj Mdk Lpo Kru Pma Mpu Brb ZW BW NA.
3. *Graphium (Arisbe (policenes-gr.)) porthaon* (Hewitson,1865) Synonyms: *porthaon* Hewitson,1865; *#adjectus* Thurauf,1903; *vernayi* Van Son,1936. Range: TZ BW ZA Tva Nta Kzu Tug Lpo Spb Mdk Kru Pma Mpu Brb NA MZ ZW MW ZM ZR KE.
4. *Princeps (Druryia (nireus-gr.)) nireus* (Linnaeus,1758) Synonyms: *nireus* Linnaeus,1758; *erinus* Gray,[1853]; *nireoides* Braun,1932; *micronireus* Storace,1952. Range: CM ZR CI SN GN SL LR UG TZ

¹ previous articles on the Lepidoptera of South Africa was published by the authors in 2004, *Cent. Ent. Stud., Misc. Pap.* 88/89: 1-13; op.cit., 14-15.

AO TZ ZM MW MZ ZW BW ZA Cap Nta Kzu Ptb Tva Lpo Spb Kru Pma Pf K12 Lj Mdk Sch Hgl Ent Slp Gau Rtb Wv Mpu Brb Nel Wri Jh Ec Wca ET ER SO SD KE.

5. ***Princeps (s.str. (menestheus-gr)) ophidicephalus (Oberthür,1878)*** Synonyms: *ophidicephalus* Oberthür,1878; *#ophidocephalus* le Roux,2003. Range: KE TZ ZA Ec Tva Lpo Spb Ent Lj Mdk Sch Hgl Kru Pma K12 Nta Kzu Esw Ptb Mpu Brb Mll Ly Pie Wo Kwi Elo Tra Stj Tug Kkf ZM ZR ZW MZ MW.
6. ***Princeps (s.str. (phorcas-gr)) constantinus (Ward,1871)*** Synonyms: *constantinus* Ward,1871; *#chrysothemis* Stoneham,1931. Range: ZR TZ ZM ZA Nta Kzu Ptb Tva Lpo Kru Pma Spb Lj Mdk Ly Mpu Brb Nel ZW MW TZ KE SO ET.
7. ***Princeps (s.str. (s.str.)) demodocus (Esper,[1798])*** Synonym: *demodocus* Esper,[1798]. Range: ZA Nta Tva Spb Lj Mdk Ent Slp Sch Hgl Lpo Kru Pma Pf NWe Mpu Fs Nca Wca Ec Kzu Ptb MZ ZW.

PIERIDAE

8. ***Belenois aurota (Fabricius,1793)*** Synonyms: *mesentina* Cramer,[1780] nec Cr.,[1777]; *aurota* Fabricius,1793; *augusta* Olivier,1807; *syrinx* Wallengren,1860; *lordaca* Walker,1870; *auriginea* Butler,1886; *turanica* Sheljuzko,1908; *#iris* Gauckler,1912; *#sulphurea* Gauckler,1912; *#pusillima* Strand,1915. Range: AF DJ EG ER ET IL Js Pa Hf IN IQ Qg IR Kz Fa Ke Ss JO KE LB LK MG NA OM PK Ci Cp SA SD SO SY TR TZ UG YE ZA Tva Lpo Kru Pf Spb Ent Lj Mdk Jh Pre Gau Nta Kzu Ptb Est Tug Wnn Mpu ZR TM TJ NP.
9. ***Belenois creona (Cramer,[1776])*** Synonyms: *creona* Cramer,[1776]; *ernestius* Laporte,1831. Range: ER ET KE KM MG NG SA SD SN SO TZ UG YE ZA Tva Lpo Spb Lj Mdk Kru Pf Pma Nta Kzu Ptb Tug Dbn Wnn Mpu Brb Pre Jh Gau ZR.
10. ***Belenois gidica (Godart,[1819])*** Synonyms: *gidica* Godart,[1819]; *occidentis* Butler,1898; *sulphurea* Gaede,1916. Range: ZR CM BF ET ZR RW SO UG KE ZA Nta Kzu Tva Lpo Spb Kru Pf Pma Mdk Lj Wnn Dbn Tug Est Wv Kom Gau Jh Nel Eur Mpu Brb Ly.
11. ***Catopsilia florella (Fabricius,1775)*** Synonyms: *florella* Fabricius,1775; *pyrene* Swainson,1821; *hyblaea* Boisduval,1836; *rhadia* Boisduval,1836; *marchellina* Bertolini,1850; *aleurona* Butler,1876; *rufosparsa* Butler,1880; *swainsoni* Westwood,1881. Range: AO BF BH BI BJ BW CF CG CI CM Cn DJ DZ EG EH ER ET FP GA GH GM GN GO GW IN IQ Jd Fat IR B-A Fa Hz KE LB IL LK LR LS LY MA ML MR MW MZ NA NE NG OM PK RW SA SD SL SN SO ST SZ TD TG TN TR TZ UG YE ZA Tva Spb Lj Lpo Mdk Kru Pma Ent Nta Kzu Ptb ZM ZR ZW.
12. ***Colias (Eriocolias) electo (Linnaeus,1763)*** Synonyms: *electo* Linnaeus,1763; *electra* Linnaeus,1767; *palaeno* Stoll,[1781] nec Linnaeus,1761; *aurivillius* Keferstein,1883. Range: AO NG CM ET ER KE MW MZ NA RW BI SA SD SO TZ UG YE ZA Tva Spb Lj Mdk Hgl Nta Kzu Ptb Lpo Fs Ec Wca NWe Mpu Brb Nca Kzu Gau Pre LS SZ ZR ZW.
13. ***Colotis (Cuneacolotis) agoye (Wallengren,1857)*** Synonyms: *agoye* Wallengren,1857; *eosphorus* Trimen,1863. Range: ZW BW NA ZA Tva Lpo Spb Slp Mdk Kru Pf Pma Ly Wb Pin Kom Gau Jh Ptc ET SO.
14. ***Colotis (Teracolus) eris (Klug,1829)*** Synonyms: *eris* Klug,1829; *fatma* Felder & Felder,[1865]; *abyssinicus* Butler,1876; *maimouna* Kirby,1880; *opalescens* Butler,1886; *johnstoni* Butler,1886; *punctigera* Lanz,1896; *teitensis* Sharpe,1898. Range: Ad AO Dh ER ET KE MZ OM SD TZ YE ZA Tva Lpo Kru Pf Pma Spb Mdk Ec Grh.
15. ***Colotis (s.str.) auxo (Lucas,1852)*** Synonyms: *auxo* Lucas,1852; *topha* Wallengren,1860; *keiskamma* Trimen,1862; *syrtnus* Butler,1876; *vulnerata* Staudinger,1885; *#intensa* Stoneham,1939; *#reducta* Stoneham,1939. Range: ZA Nta Kzu Ptb Tug Wnn Lpo Tva Spb Mdk Kru Pf Mal Mpu Suw Ly Brb Pin SZ Ec Grh BW MZ ZW TZ KE UG RW BI ZR.
16. ***Colotis (s.str.) celimene (Lucas,1852)*** Synonym: *celimene* Lucas,1852. Range: SN BF NG SD ET SO UG KE TZ MW ZM ZW BW NA AO SZ ZA Tva Lpo Spb Kru Pf K12 Mdk Mpu Gau Pre Kzu Nta Tug Ly.
17. ***Colotis (s.str.) eborea (Stoll,[1781])*** Synonyms: *danae* Fabricius,1775 nec Hufn.,1766; *eborea* Stoll,[1781]. Range: IR IN PK BI Krc Sd EG ER OM SA Sn SO YE KE ZA Nta Ec Kzu Tug Wnn Ly Ptb Tva Spb Kru Pf Lj Mdk Mpu Brb Gau Jh Suw Wri Kom BW MZ NA ZW ZM MW TZ SD UG ET AO.
18. ***Colotis (s.str.) euippe (Linnaeus,1758)*** Synonyms: *euippe* Linnaeus,1758; *arithusa* Drury,[1773]; *rhexia* Fabricius,1775; *hanna* Herbst,1792; *amytis* Godart,1819; *cebrene* Boisduval,1836; *ocale* Boisduval,1836; *eurygone* Lucas,1852; *loandicus* Butler,1872; *suffusus* Butler,1876; *angolensis* Butler,1876. Range: AO As CF CM ER ET GM GN KE Mb KM MW MZ NA NG SA SL SN SO TD TZ UG YE ZA Tva Lpo Spb Kru Pma Lj Mdk Nta Tug Wnn Gau Pre Jh Mpu Brb Mll Wm Mgl Wri Ptc Ly Suw ZR TZ KE BW ZW SO.
19. ***Colotis (s.str.) evagore (Klug,1829)*** Synonyms: *evagore* Klug,1829; *saxeus* Swinhoe,1884. Range: IR Ss Ad As Dh ES Cz Mlg Grn Alm Mu Hd Hj SA Sk YE MA DZ TN LY ET SO SN SD BW KE TZ MZ ZR UG GH AO ZA Tva Lpo Spb Kru Pma Ly Mdk Nta Kzu Tug Wnn Ly Kom Wb Pin Wm Gau Pre.
20. ***Colotis (s.str.) eveninus (Wallengren,1857)*** Synonyms: *eveninus* Wallengren,1857; *deidamia* Wallengren,1857; *deidamioides* Aurivillius,1879; *inornata* Westwood,1881; *corda* Möschler,1884;

- #lerichei* Van Son, 1959. Range: ZA Ec Gau Pre Jh Kom Wb Ptc Ly Tva Spb Lj Mdk NA Nta Wca BW TZ Zz ET ER ZR ZW ZM MZ MW KE SO UG.
21. *Colotis (s.str.) ione* (Godart, [1819]) Synonyms: *ione* Godart, [1819]; *phlegyas* Butler, 1865; *coliagenes* Butler, 1867; *jalone* Butler, 1869; *buxtoni* Butler, 1876; *imperator* Butler, 1876; *natalensis* Staudinger, 1885; *bacchus* Butler, 1888; *mrogoroana* Vuillot, 1891; *bettoni* Butler, 1898; *difficilis* Sharpe, 1900. Range: SD ET MZ KE TZ NG GH ZM ZA Nta Kzu Ptb Tug Wnn Tva Lpo Spb Lj Ly Mdk Kru Pma Pf Suw Kom Mpu Brb Wb.
 22. *Colotis (s.str.) pallene* (Hopffer, 1855) Synonyms: *pallene* Hopffer, 1855; *halyattes* Butler, 1876; *cinctus* Butler, 1883; *infumatus* Butler, 1896; *wissmanni* Suffert, 1904; *seineri* Strand, 1909; *#achinoides* Le Doux, 1929; *#meinickei* Le Doux, 1929; *#pallida* Le Doux, 1929; *#simplicoides* Le Doux, 1929. Range: ZA Tva Lpo Spb Mdk Nta Kzu NA MZ SZ ZW BW MW UG ZR TZ ZM.
 23. *Colotis (s.str.) reginus* (Trimen, 1863) Synonyms: *reginus* Trimen, 1863; *anax* Grose-Smith, 1889; *eliza* Sharpe, 1890; *louisa* Suffert, 1904; *#flavimacula* Aurivillius, 1910. Range: ZA Tva Lpo Spb Mdk Ly Kru Pma Pf Ly Gau Rtb Wri Wm Kom NA KE Mb TZ BW ZW ZM AO ZR MZ MW UG SO.
 24. *Colotis (s.str.) vesta* (Reiche, [1850]) Synonyms: *vesta* Reiche, [1850]; *#ops* Talbot, 1942. Range: UG KE Mb TZ GH SN CI NG MR BF ET SO ZA Tva Lpo Spb Lj Kru Pma Pf Mdk Nta Kzu Ly Suw Pot Nel Brb Mpu MZ ZM BW ZW NA.
 25. *Dixeia doxo* (Godart, [1819]) Synonyms: *doxo* Godart, [1819]; *voltaensis* Talbot, 1929. Range: KE UG ZR TZ BF SD ET GH SN ZW ZA Tva Lpo Spb Mdk Kru Pma Pf Nta Kzu MZ ZM MW.
 26. *Dixeia pigea* (Boisduval, 1836) Synonyms: *pigea* Boisduval, 1836; *alba* Wallengren, 1857; *inana* Butler, 1870; *rubrobasalis* Lanz, 1896; *caffraria* Lanz, 1896; *nitida* Aurivillius, 1898; *saalmülleri* Aurivillius, 1898; *astarte* Butler, 1900; *kueckeni* Suffert, 1904; *wagneri* Suffert, 1904; *elia* Strand, 1912. Range: ZA Ec Tva Lpo Spb Mdk Lj Kru K12 Pf Mpu Noo Brb Suw Ptc TZ CM KE ZR ET UG AO CM.
 27. *Eronia leda* (Boisduval, 1847) Synonyms: *leda* Boisduval, 1847; *tekoukoule* Guérin-Méneville, 1849; *wahlbergi* Wallengren, 1857; *trimeni* Oberthür, 1878; *cygnophila* Suffert, 1904; *inargyrata* Gaede, 1916. Range: ZA Ec Tva Lpo Spb Lj Kru Pma Mdk Nta Kzu Dbn Tug Wnn Ly Suw Mpu Brb ET ZR TZ Dss KE SD ZM ZW BW AO MZ.
 28. *Eurema (Terias) hecabe* (Linnaeus, 1758) Synonyms: *hecabe* Linnaeus, 1758; *luzonensis* Linnaeus, 1764. Range: AO BF BI BJ BW CF CG CI CM CN DJ DZ EG EH ER ET FP GA GH GM GN GO GW ID IN Ass Slo JP KE KH LR LS LY MA MG ML MM MR MW MY MZ NA NE NG PK Ci Kma RW SD SL SN SO ST SZ TD TG TH TN TZ UG VN ZA ZM ZR ZW LK Krc Cp Bba SI SG PH SB AU PG Tim Kai Amb Bru Crm NAu NSw QAu Luz Bal Cal Pal Mdo Ala Bab Bat Bas Bil Boh Bon Bur CagSul Cam CmL CmM Cat Ceb Cts Cuy Din Dum Gui Hom Jol Ley Lub Mar Mas Mno Neg Pan Pao Pol Rom Sam Sar Sga Sia Sib Siq Sis Stu Sul Tab Taw Tic Adm Nk Bsm CMA Tva Spb Lj Nta Kzu Ptb Clb Sul Ij Mdk Ent Kru Pma Pf Tuk Sly Bng Tan Suw Mpu Brb Buf Dst Qs.
 29. *Eurema (s.str.) brigitta* (Stoll, [1780]) Synonyms: *brigitta* Stoll, [1780]; *australis* Wallace, 1867. Range: AU AO BF BI BJ BW CF CG CI CM DJ DZ EG EH ER ET FP GA GH GM GN GO GW KE KM LR LS LY MA MG ML MR MU MW MZ NA NE NG RW SA SD SL SN SO SC ST SZ TD TG TN TZ UG YE ZA Tva Spb Lj Mdk Ent Kru Pma Pf Nta Kzu Ptb ZM ZR ZW LK CN IN MM TH MY PH ID Clb Sum Ja Bor Syd NSw NAu QAu Ck Ass Slo PW PG Ij Mlc FJ Luz Siq Mno Mdo CMA Dst Qs.
 30. *Mylothris agathina* (Cramer, [1779]) Synonyms: *agathina* Cramer, [1779]; *xantholeuca* Hübner, [1819]. Range: AO ZR ET SO KE TZ ZM MW MZ ZW CF CM UG ZR ZA Tva Ljo Spb Kru Pma K12 Lj Mdk Nta Kzu Ptb Gau Pre.
 31. *Mylothris rueppellii* (Koch, 1865) Synonym: *rueppellii* Koch, 1865. Range: ZR MZ MW TZ ZM AO NG ET SD KE UG TZ ZA Tva Spb Lj Suw Lpo Mdk Kru K12 Mpu Brb Ec Kwi Tra.
 32. *Nepheronia thalassina* (Boisduval, 1836) Synonym: *thalassina* Boisduval, 1836. Range: SN NG TZ Dss UG KE ET SD MW ZM ZW Vf NA SZ ZA Tva Nta Kzu Lpo Spb Kru Pma Pf Lj Mdk Ly Mal CM CF ZR UG AO.
 33. *Pinacopteryx eriphia* (Godart, [1819]) Synonyms: *eriphia* Godart, [1819]; *nyassae* Lang, 1896. Range: AO As BF BW ER GH MR MW NE NG SA SD SN TD TZ YE ZA Tva Spb Mdk Lj Kru Pma Nta Kzu Ptb Ly ZW ET SO KE UG ZR MG.

LYCAENIDAE

34. *Alaena amazoula* (Boisduval, 1847) Synonyms: *amazoula* Boisduval, 1847; *#orphina* Vari, 1976. Range: ZR AO NA ZA Nta Kzu Tva Lpo Spb Mdk Ptb Ec Wm Mpu Brb Nel Mal Suw SZ MZ ZW MW ZM TZ BW.
35. *Aloeides damarensis* (Trimen, 1891) Synonym: *damarensis* Trimen, 1891. Range: ZA Ec Fs Tva Lpo Spb Mdk Kru Pma Won NA BW Nta Kzu ZW Bul Har MZ.
36. *Anthene amarah* (Guérin-Méneville, 1849) Synonyms: *amarah* Guérin-Méneville, 1849; *olympusa* Walker, 1870. Range: Ad AO As BF BI BJ BW CF CG CI CM Dh DJ EH ER ET FP GA GH GM GN GO

- GW Hd Hj IR Hz B-A KE LR LS ML MR MW MZ NA NE NG OM RW SA SD SL SN SO ST SZ TD TG TZ UA UG YE ZA Tva Lpo Spb Kru Pma Mdk Nta Kzu Wnn Gau Pre Mpu Brb ZM ZR ZW JO.
37. *Axiocerses amanga* (Westwood,1881) Synonyms: *amanga* Westwood,1881; *mendeche* Grose-Smith,1889. Range: NA AO CM NG ZW KE CM ZA Kzu Mpu Brb Mgl Wm Nel Wri Gau Pre Lpo Tva Spb Slp Mdk Kru Pma MZ ZM TZ.
 38. *Azanus* (s.str.) *jesous* (Guérin-Méneville,1849) Synonyms: *jesous* Guérin-Méneville,1849; *agave* Walker,1870; *sigillata* Butler,1876. Range: Ad AO As BF BI BJ BW CF CG CI CM CY Dh DJ DZ EG EH ER ET GA GH GM GN Hd Hj IL Pa Hf IR JO KE LB LR LY MR MZ NE NG OM RW SA SD SO SZ TD TG TZ UG YE ZA Tva Lpo Spb Mdk Kru Pma Pf Gau Pre Nta Kzu Wnn ZM ZR ZW MM IN LK.
 39. *Azanus* (s.str.) *mirza* (Plötz,1880) Synonyms: *mirza* Plötz,1880; *occidentalis* Butler,1888; *#dificiens* Dufrane,1953; *#ornata* Dufrane,1953; *mirzellus* Koçak,1980 [rejected, Opinion 1478,1988]. Range: CM ZR ET SO KE UG TZ MZ ZA Tva Lpo Spb Mdk Mpu Brb ZM YE.
 40. *Azanus* (s.str.) *ubaldus* (Stoll,[1782]) Synonyms: *ubaldus* Stoll,[1782]; *zena* Moore,1865; *ethoda* Walker,1870; *itea* Walker,1870; *macalenga* Trimen,1870; *thebana* Staudinger,1894. Range: Ad AO As BF BH BI BJ BW CF CG CI CM DJ DZ EG EG11 EH ER ET FP GA GH GM GN GO GW Hd Hj IN IR Hz KE LR LS ML MR MW MZ NA NE NG OM QA RW SA SD SL SN SO ST SZ TD TG TZ UG YE ZA Tva Lpo Spb Mdk Wm Nta Kzu Est Wb Gau Jh Wel Buf ZM ZR ZW PK Cp MM LK IN Kgr.
 41. *Chilades* (*Freyeria*) *trochylus* (Freyer,[1843]) Synonyms: *trochylus* Freyer,[1843]; *#trochilus* Herrich-Schäffer,[1845]; *parva* Murray,1874; *persa* Bytinski-Salz & Brandt,1937; *#supraradiata* Wagner,1931. Range: Ad AE AF AO As BF BH BI BJ BW CF CG Chi CI CM Cr Dh DJ DZ EG EH ER ET FP GA GH GM GN GO GR GW Hd Hj IL IN IQ IR JO KE KW LB LR LS LY MA ML MM MR Mu MW MZ NA NE Nf NG Nj OM PK QA Rd RW SA SD SL Sms SN SO ST SY SZ TD TG TN TR ZA Gau Ptc Lpo Tva Spb Mdk Ent TM TZ UG YE ZM ZR ZW AU MY PG PH Luz VN Pa Hf He Ci Elb Th Kp Fa Ss Kru Pma .
 42. *Cigaritis natalensis* (Westwood,[1851]) Synonyms: *natalensis* Westwood,[1851]; *masilikazi* Wallengren,1857; *#obscura* Aurivillius,1923. Range: ZA Kzu Nta Ptb Tva Lpo Spb Mdk Gau Pre Ec Mpu MZ ZW MW ZM .
 43. *Cnodontes pallida* (Trimen,1898) Synonym: *pallida* Trimen,1898. Range: NA BW ZW ZA Lpo Tva Spb Mdk Tho ZM.
 44. *Cnodontes penningtoni* Bennett,1954 Synonym: *penningtoni* Bennett,1954. Range: ZA Nta Kzu SZ Tva Lpo Mdk Spb Kru Pma Wca BW MZ.
 45. *Deudorix* (*Virachola*) *antalus* (Hopffer,1855) Synonym: *antalus* Hopffer,1855. Range: Ad AO As BF BI BJ BW CF CG CI CM DJ EH ER ET FP GA GH GM GN GO GW KE KM LR LS MG ML MR MU MW MZ NA NE NG RW SA SD SL SN SO ST SZ TD TG TZ UG YE ZA Tva Spb Mdk Kru Pf Lj Kzu Nta Ptb Ptc Suw Gau Jh Mgl Kom Wri Ptc ZM ZR ZW.
 46. *Euchrysops malathana* (Boisduval,1833) Synonyms: *malathana* Boisduval,1833; *asopus* Hopffer,1855; *kama* Trimen,1862; *conguensis* Mabilie,1877. Range: Ad AO As BF BI BJ BW CF CG CI CM DJ EH ER ET FP GA GH GM GN GO GW KE LR LS MG ML MR MW MZ NA NE NG RW SA SD SL SN SO ST SZ TD TG TZ UG YE ZA Tva Lpo Spb Mdk Kru Pma K12 Ent ZM ZR ZW.
 47. *Hypolycaena philippus* (Fabricius,1793) Synonyms: *philippus* Fabricius,1793. Range: Ad AO As BF BI BJ BW CF CG CI CM DJ EH ER ET FP GA GH GM GN GO GW KE LR LS ML MR MW MZ NA NE NG RW SA SD SL SN SO ST SZ TD TG TZ UG YE ZA Tva Spb Lj Lpo Kru Pma Pf Mdk Kzu Nta Ptb Suw Mpu Brb Jh Wm Bfk Nel Wri ZM ZR ZW Har MG KM SC Ald Csm.
 48. *Iolaus* (*Epamera*) *mimosae* Trimen,1874 Synonym: *mimosae* Trimen,1874. Range: ZA Kzu Nta Ndu Lpo Tva Spb Mdk Mpu Brb Noo.
 49. *Iolaus* (*Stugeta*) *bowkeri* Trimen,1864 Synonym: *bowkeri* Trimen,1864. Range: ZA Ec Nca Wca Nta Kzu Ndu Fs Tva Lpo Spb Mdk Kru Pma Ly Mpu Brb Gau Pre Wm Nel BW NA ZW ET ZR AO SL SO TZ KE MW.
 50. *Lampides boeticus* (Linnaeus,1767) Synonyms: *boeticus* Linnaeus,1767; *bagus* Distant,1886. Range: Ae AF AL AM AZ Az Ba BE BG BH B-H BY CH CN Co Cr CY DE DK DZ EG ES FR GG GR HU IL IN IQ IR IT JO Kab Kbb KG KK KW LB Ld LY MA MK MN MT NL OM Pag PK Pnj PT QA Rd RO RU SA Sa Si SK Sm So Sr SW SY TJ TM TN TR UA UE UZ YE YU Cw Dv Smt H-W Sur Ssx Ken Cy Ao Mu18 Ci He Ket DsA Tls TrA Cp T-S Ab Ak B-A Bk Brz Bu By Es Fa Gh Gor Ha Hz Il Kaz Kd Kh Km Kz Lo Ma Mz Qz Se Ss Th Yz Zj Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm PG Vu Dmp PH Ala Bab Bal Bat Bas Bil Boh Bon Bur Bus CagSul Cal Cam CmL CmM Cat Ceb Cts Cuy Din Dum Gui Hom Jol Ley Lub Luz Mar Mas Mdo Mno Neg Pal Pan Pao Pol Rom Sam Sar Sga Sia Sib Siq Sis Stu Tab ZA Tva Lpo Spb Lj Mdk Kru Pma Pf Nta Kzu Ptb Fre Gau Pre Jh Brn Mpu US Pa Hf TH CMa Lmp Sgk MY Lkw IN Ass MM VN Hw.
 51. *Lepidochrysops patricia* (Trimen,1887) Synonyms: *patricia* Trimen,1887; *#radiata* Woodhall,2000. Range: ZA Nta Kzu Est Wnn Ptb Dbn Mpu Stb Gau Pre Ptc LS SZ Nca Ec Wca Fs NWe Tva Lpo Spb Mdk Pf ZW BW NA MZ.

52. *Leptotes babaulti* (Stempffer,1935) Synonym: *babaulti* Stempffer,1935. Range: ET KE RW TZ UG YE ZR ZA Tva Spb Lj Mdk Mpu Brb Ly.
53. *Oraidium barberae* (Trimen,1868) Synonym: *barberae* Trimen,1868. Range: ZW ZA Ec Grh Mrr Tva Lpo Spb Mdk Wb Mpu Brb.
54. *Tuxentius melaena* (Trimen,1887) Synonyms: *melaena* Trimen,1887; *#melas* Aurivillius,1924. Range: ET KE TZ ZR ZM MW MZ ZW ZA Nca ZA Ec Kwi Ptw Est Kzu Nta Ptb Tva Lpo Spb Lj Mdk Gau Pre Kru Pma Pf Mll Wb Kom Bfk Nel Wri.
55. *Zintha hintza* (Trimen,1864) Synonym: *hintza* Trimen,1864. Range: ZA Nta Kzu Ptb Tva Lpo Spb Mdk Ent Kru Pma Pf K12 Gau Pre TZ KE ZR MW ZM ZW BW NA ET.
56. *Zizeeria knysna* (Trimen,1862) Synonyms: *lysimon* Hübner,[1804] nec Still,[1790]; *knysna* Trimen,1862. Range: BF BI BJ BW CF CG CI CM Dh DJ DZ EG EH ER ES Mu Mu18 ET FP GA GH GM GN GO GW Hd Hj KE LR LS LY MA MG Mkh ML MR MT MW MZ NA NE NG OM PT RW SA SC SD SL SN SO ST SZ TD TG TN TZ UG YE ZA Tva Lpo Spb Mdk Nta Kzu Ptb Wca Ec Fs Kwi Pel Kny Grh Cto Kru Pf QA Ad AO As Plt ZM ZR ZW Est Wnn Gau Pre.
57. *Zizula hylax* (Fabricius,1775) Synonyms: *hylax* Fabricius,1775; *gaika* Trimen,1862; *mylica* Guenée,1863; *cleodora* Walker,1870; *perparva* Saalmüller,1884. Range: Ad AO As AU BD BF BI BJ BW CF CG CI Clb CM Dh DJ DZ EG EH ER ET FP GA GH GM GN GO GW Hd Hn ID IN Ja KE KH Kmt LK LR LS LY MA MG ML MM MR MU MW MY MZ NA NE NG OM PH PK Ci RE RW SA SD SL Smt SN SO ST SZ TD TG TH TN TW TZ UG VN YE ZA Tva Lpo Spb Mdk Ent Nta Kzu Ptb Est Wnn Gau Pre Mpu Brb Kru Pf ZM ZR ZW PH Ley Luz Mar Pal Stu Taw Bnk Knc Khn Lkw Rng Yal.

ACRAEIDAE

58. *Acraea (Actinote) eponina* (Cramer,[1780]) Synonyms: *eponina* Cramer,[1780]; *janisca* Godart,[1819], *manjaca* Boisduval,1833; *rougetii* Guérin-Ménéville,1849; *buxtoni* Butler,1875; *perrupta* Butler,1875; *subserena* Grose-Smith,1900; *intermediana* Strand,1911; *eliana* Strand,1912; *jordani* Le Doux,1928. Range: Ad AO As BF BI BJ BW CF CG CI CM DJ DZ EG EH ER ET FP GA GH GM GN GO GW KE KM LR LS LY MA MG ML MR MW MZ NA NE NG RW SA SD SL SN SO ST SZ TD TG TZ UG YE ZA Kzu Nta Ptb Tva Lpo Spb Kru Pma Pf K12 Mdk Ent Pre Gau ZM ZR ZW.
59. *Acraea (Actinote) obeira* Hewitson,1863 Synonyms: *obeira* Hewitson,1863; *piva* Guenée,1865; *andromba* Grose-Smith,1891. Range: MG BW ZW MZ ZM MW NA ZA Nta Kzu Tug Lpo Tva Spb Mdk Kru Pma Wb Wv Nel Dbn Esw Mv.
60. *Acraea (s.str.) acara* Hewitson,1865 Synonyms: *acara* Hewitson,1865; *caffra* Felder & Felder,[1865]; *tescea* Suffert,1904; *mhondana* Suffert,1904 nec Vuill.,1891; *kuerewensis* Le Doux,1923; *sufferti* Le Cerf,1927; *melanophanes* Le Cerf,1927; *#barberina* Van Son,1963. Range: ZA Kzu Nta Tug Ptb Tva Lpo Spb Lj Brb Mdk Pre Gau Kru Pma Pf Mll TZ ZM ZW MZ ZR MW KE.
61. *Acraea (s.str.) aganice* Hewitson,1852 Synonym: *aganice* Hewitson,1852. Range: ZA Kzu Nta Dbn Ptb Tva Lpo Spb Lj Suw Wri Mpu Brb Kru Pma Mdk.
62. *Acraea (s.str.) anemosa* Hewitson,1865 Synonyms: *anemosa* Hewitson,1865; *arcticincta* Butler,1883; *welwitschii* Rogenhofer,1893; *mosana* Suffert,1904; *dubiosa* Suffert,1904; *lobemba* Eltringham,1912; *lutea* Riley,1921; *nivea* Riley,1921; *macrosticta* Storace,1949. Range: ZA Tva Lpo Ltr Spb Lj Mdk Kru K12 Mpu Brb Pre Gau Mdd Wv Wb Ly Wo Suw Wri Wm Hae TZ ZM SO ZW BW MZ MW NA AO KE.
63. *Acraea (s.str.) caldarena* Hewitson,1877 Synonyms: *caldarena* Hewitson,1877; *amphimalla* Westwood,1881; *dircaea* Westwood,1881; *nero* Butler,1883; *recaldana* Suffert,1904; *latiapicalis* Joicey & Talbot,1921; *necessaria* Le Doux,1923. Range: ZA Tva Lpo Spb Mdk Pie Kru Pma Nta Kzu Ly Wb Suw Wm Wri Jh Gau ZR NA ZW BW AO SD ZM MW MZ TZ KE ET.
64. *Acraea (s.str.) horta* (Linnaeus,1764) Synonym: *horta* Linnaeus,1764. Range: ZA Kzu Nta Ptb Dbn Blw Kkf Tva Lpo Spb Mdk Gau Pre Jh Wv Ly Ec Cto ZW Vum.
65. *Acraea (s.str.) natalica* Boisduval,1847 Synonyms: *natalica* Boisduval,1847; *bellua* Wallengren,1857; *umbrata* Suffert,1904; *#mesoleuca* Wichgraf,1914; *oatesi* Van Son,1936. Range: ZA Kzu Nta Dbn Mv Ptb Spb Lj Mdk Hgl Lpo Tva Kru Pma Pf Ent Tra Mpu Mal Brb Blw Gau Pre Wv Mll Jh ZW KE TZ ZM MZ BW UG ZR.
66. *Acraea (s.str.) neobule* Doubleday,[1847] Synonyms: *neobule* Doubleday,[1847]; *arabica* Rebel,1899; *#sheba* Gabriel,1954. Range: AO BF BI BJ BW CF CG CI CM DJ EG EH ER ET FP GA GH GM GN GO GW KE LR LS ML MR MW MZ NA NE NG OM RW SA SD SL SN SO ST SZ TD TG TZ UG YE ZA Nta Kzu Tug Tva Lpo Spb Lj Mdk Gau Pre Kru Pma Pin Ec Fs ZM ZR ZW.

ARGYNNIDAE (=Nymphalidae)

67. *Byblia ilithyia* (Drury,[1773]) Synonyms: *ilithyia* Drury,[1773]; *polinice* Stoll,[1782]; *gotzius* Herbst,1798; *cora* Feisthamel,1850; *badiata* Grünberg,1910; *#aestivalis* Ungemach,1932; *#alithyia* D'Abbrera,1981. Range: AO BF BI BJ BW CF CG CI CM Dh DJ DZ EG EH ER ET FP GA GH GM GN GO GW IN KE LR LS LY MA ML MR MW MZ NA NE NG OM RW SD SL SN SO ST SZ TD TG TN TZ UG ZA Nta Kzu Ptb Lpo Tva Spb Mdk Ent Gau Pre Mpu Brb Kaa Suw Jh ZM ZR ZW LK IN SA.
68. *Charaxes achaemenes* C.Felder & R.Felder,[1867] Synonyms: *achaemenes* C.Felder & R.Felder,[1867]; *fasciatus* Suffert,1904. Range: SN GM GW GN SL LR CI GH ER ET SD KE NG CF CM UG TZ ZR ZM MW MZ ZW AO ZA Nta Tva Kzu Lpo Spb Mdk Kru Pma Pf Eur Ly Suw Mpu Brb Ml BW NA.
69. *Charaxes bohemani* Felder & Felder,1859 Synonym: *bohemani* Felder & Felder,1859. Range: ZA Spb Tva Lpo Mdk Kru Pf Pma BW ZW MZ NA MW ZM ZR AO CG TZ KE RW.
70. *Charaxes brutus* (Cramer,[1779]) Synonyms: *brutus* Cramer,[1779]; *cajus* Herbst,1790. Range: ZA Cto Wca Nta Kzu Ptb Tva Lpo Spb Kru Pma Pf Mdk Lj Mpu Brb Wri Suw KE TZ Pb ZR CG UG AO SD ZW MZ ZM BW MW.
71. *Charaxes candiope* (Godart,[1824]) Synonyms: *candiope* Godart,[1824]; *viridicostatus* Aurivillius,1879; *#uniformis* Storace,1948; *#rosae* Storace,1948. Range: NA ET ZA Nta Kzu Ptb Tva Lpo Spb Kru Pma Pf K12 Lj Mph Mdk Won.
72. *Charaxes jahlusa* (Trimen,1862) Synonym: *jahlusa* Trimen,1862. Range: ET SD UG AO ZR MZ ZW BW RW ZM MW TZ KE Tet Mb ZA Tva Lpo Spb Mdk Slp Nta Kzu Tug Wnn Ec Wb Bfk.
73. *Charaxes jasius* (Linnaeus,1767) Synonyms: *jasius* Linnaeus,1767; *jason* Linnaeus,1767, *praeocc.*; *rhea* Hübner,1800; *unedonis* Hübner,1806; *faroensis* Ribbe,1909; *septentrionalis* Verity,1913; *europaeus* Verity,1917. Range: He IL Pa Hf Ae Co Cr ES Mu Mu18 FR GR IT PT Rd Sa Si TR YU DZ MA TN JO CY ZA Gau Pre Rtb Tva Lpo Spb Mdk Lj Nta Kzu Ptb Kru Pma Wb Suw Jh Wm Bfk BW NA SZ MZ ZW ZM ZR CF MW TZ KE ET SO UG SD SN ML GN CI AO GA.
74. *Charaxes phaeus* Hewitson,1877 Synonym: *phaeus* Hewitson,1877. Range: ZA Kzu Nta MZ Del SZ Lpo Spb Mdk Tva Kru Pma BW ZW MZ Del SZ ZM MW TZ UG.
75. *Charaxes varanes* (Cramer,[1777]) Synonym: *varanes* Cramer,[1777]. Range: ZA Nta Kzu Ptb Tva Lpo Spb Pf Kru Mdk Ent Mpu Brb Wri Suw BW MZ BW CF ET GN MZ NA NG SA SL YE ZR ZW OM ST.
76. *Charaxes zoolina* (Westwood,[1850]) Synonyms: *zoolina* Westwood,[1850]; *neanthes* Hewitson,1854. Range: RW ZR MG ZA Ec Nta Kzu Tva Lpo Kru Pma Pf Lj Spb Mdk Ec Suw ZW BW NA MW MZ Del ET ZM KE UG SD SO ET.
77. *Cynthia cardui* (Linnaeus,1758) Synonyms: *cardui* Linnaeus,1758; *carduelis* Cramer,1775; *elymi* Rambur,1829; *kershawi* McCoy,1868; *pallida* Schoyen,1881; *universa* Verity,1919; *takesakiana* Kato,1925. Range: Ad Ae AF AL As At AT Az BE BG BH BY Ch CH CN Co Cr CY CZ DE Dh DK EE ES FI FR GB GR Hd Hj HU IE IL IN IQ IR IS IT JO KG KK KW LB Ld LT LU LV MN MT Mu Nf Nj NL NO PH PK PL PT QA Rd RO RU SA Sa SE SI Si SK SY Ti TJ TM TR T-S UA Ui UZ YE YU SS HV B-H MK Mt AO BF BI BJ BW BZ CF CG CI CM Cn DJ Dj DZ EG EH ER ET FP GA GH GM GN GO GW KE KM LR LS LY MA MG ML MR MW MZ NA NE NG RW SC SD Sem SL SN SO ST SZ TD TG Tk TN TZ UG ZA ZM ZR ZW Cw Dv Smt H-W Sur Ssx Ken Cy LY Kts Tm Ci Um Sau Tar DsA TeA KuA TrA Ket Bn Mu Mu18 GG AZ Nv AM MD NP Ab Ak Ahw Ar Ara B-A Bk Brz Bu By Dzf Es Fa Gh Gor Ha Hz Il Kaz Kd Kh Km Kz Lo Ma Mz Qz Se Ss Th Yz Zj Ke Luz Mno Neg Pal US MX Aks Alb Arz Cf Cnt Col Dw Fl Ge Id Idp Iln Io Kan Knt Lou Mai Mch Mis Mns Mon Mrl Msc Mss NCa NDK NMx Ne Neb Nh Nje Ny Oh Ok Org Pns RDi SDk Tnn Tx Ut Vi Vr WVi Wc Ws Wy Ord Nta Kzu Ptb Gau Pre Est Spb Lj Tva Lpo Mdk Ent Kru Pma Pf Pa Hf TH CMA.
78. *Eurytela dryope* (Cramer,[1775]) Synonym: *dryope* Cramer,[1775]. Range: SL CM ZR YE UG ET MG SA ZA Nta Kzu Ptb Stj Tra ZA25 Tva Lpo Spb Suw Mph Mpu Brb Mdk Ent Kru Pma Ml Pf
79. *Hamanumida daedalus* (Fabricius,1775) Synonyms: *daedalus* Fabricius,1775; *melantha* Fabricius,1775; *meleagris* Cramer,[1775]; *hesperus* Fabricius,1793; *meleagrina* Staudinger,1886; *bicolor* Ungemach,1932; *icarus* Stoneham,1965. Range: AO As BF BI BJ BW CF CG CI CM DJ DZ EG EH ER ET FP GA GH GM GN GO GW KE LR LS LY MA ML MR MW MZ NA NE NG RW SA SD SL SN SO ST SZ TD TG TN TZ UG YE ZA Tva Lpo Spb Mdk Ent Mph Nta Kzu Mv Mpu Brb Gau Pre Kru Pma ZM ZR ZW.
80. *Hypolimnias misippus* (Linnaeus,1764) Synonyms: *misippus* Linnaeus,1764, *inaria* Cramer,[1779]; *alcippoides* Butler,1883. Range: AF AO AU Az BF BH BI BJ BW BZ CF CG CI CM CN DJ DZ EG EH ER ET FI FP GA GH GM GN GO GW Hn ID IN IR Hz KE KH KM LB LK LR LS LY MA MG ML MM MR MW MY MZ NA NE NG OM PG PH PK QA RW SA SC SD SL SN SO ST SZ TD TG TH TN TR TW TZ UG US VN YE ZA Nta Kzu Ptb Mdk BI Ci PH Ala Bab Bal Bat Bas Bil Boh Bon Bur Bus CagSul Cal Cam CmL CmM Cat Ceb Cts Cuy Din Dum Gui Hom Jol Ley Lub Luz Mar Mas Mdo Mno Neg Pal Pan Pao Pol Rom Sam Sar Sga Sia Sib Siq Sis Stu Tab Taw Tic ZM ZR ZW Cp Fl Mss NCa Tx Tva Lpo Gau Pre Spb Lj Jh Wri Ent Dbn Kny Kru Pma BR PE.
81. *Neptis saclava* Boisduval,1833 Synonym: *sacclava* Boisduval,1833. Range: CG ZW CM ET MZ MG ZA Nta Kzu Ptb Spb Mdk Kru Pma Pf Gau Jh Mpu Brb Wri Nel Suw Tva Lpo.

82. *Phalanta phalantha* (Drury,[1773]) Synonym: *phalantha* Drury,[1773]. Range: AO BF BI BJ BW CF CG CI CM CN DJ DZ EG EH ER ET FP GA GH GM GN GO GW ID IN KE KH KM LK LR LS LY MA MG ML MM MR MW MY MZ NA NE NG NP RW SA SC SD SI Sk SL SN SO ST SZ TD TG TH CMA TN TZ UG VN YE ZM ZR ZW PK Ci Rw Cp Pj ZA Nta Kzu Ptb Tva Lpo Spb Mdk Ent Dst Qs Loe Bnk Chy Knc Sbu Sgk Kru Pma K12 PH Ala Bab Bal Bat Bas Bil Boh Bon Bur Bus CagSul Cal Cam CmL CmM Cat Ceb Cts Cuy Din Dum Gui Hom Jol Ley Lub Luz Mar Mas Mdo Mno Neg Pal Pan Pao Pol Rom Sam Sar Sga Sia Sib Siq Sis Stu Tab Taw Tic.
83. *Precis (Junonia) hierta* (Fabricius,1798) Synonyms: *lintingensis* Osbeck,1765 [rejected name, Op.842, 1968]; *hierta* Fabricius,1798. Range: TH AF AO BF BI BJ BW CF CG CI CM CN DJ EG EH ER ET FP GA GH GM GN GO GW IN KE LR LS LY MG ML MR MW MZ NA NE NG PK RW SA SC SD Sk SL SN SO ST SZ TD TG TZ UG YE ZM ZR ZW LB ZA Nta Kzu Est Tva Lpo Spb Ptb Lj Mdk Ent Gau Pre Jh Mpu Brb MG SD SA YE SC Sk IR IN MM Adm LK MY Lkw.
84. *Precis (Junonia) oenone* (Linnaeus,1758) Synonyms: *oenone* Linnaeus,1758; *clelia* Cramer,[1775]. Range: AO BF BI BJ BW CF CG CI CM DJ EH ER ET FP GA GH GM GN GO GW KE KM LR LS ML MR MW MZ NA NE NG RW SD SL SN SO ST SZ TD TG TZ UG YE ZA Nta Kzu Ptb Lpo Tva Spb Lj Mdk Ent Pin Wnn Mv ZM ZR ZW MG Asv Ald Csm Asu.
85. *Precis (s.str.) archesia* (Cramer,[1779]) Synonyms: *archesia* Cramer,[1779]; *pelasgis* Godart,[1819]; *chapunga* Hewitson,1864; *staudingeri* Rogenhofer,1891; *semitypica* Aurivillius,1898; *striata* Aurivillius,1901. Range: TZ ZR CM ZM SD UG ZA Nta Kzu Ptb Mv Wnn Gau Pre Jh Ly Wri Tva Lpo Spb Suw Kru Pma Lj Ent Mdk Mpu Brb.

DANAIDAE

86. *Danaus (Anosia) chrysippus* (Linnaeus,1758) Synonym: *chrysippus* Linnaeus,1758. Range: Ad AF AL AO As AU BF BH BI BJ CF CG CI CM Cr CY Dh DJ DZ EG EH ER ES Mu ET FP GA GH GM GN GO GR Rd GW Hd Hj ID IN IQ IR IT JO KE KG KW LB LR LS LY MA ML MR MT Mu MW MZ NA NE Nf NG Nj PK QA RW SA Sa SD SL SN SO ST SY SZ TD TG TM TN TR UG Ci Kz Ahw Hz Kru ZM BI Si Cn KM MG SC Fa Kh TH CMA BW BZ CF CG CI CM Cn DJ ET FP GA GH GM GN GO GW KE KM LR LS LY MA MG ML MR MW MZ NA NE NG RW SC SD SL SN SO ST SZ TD TG TN TZ UG ZA Nta Tva Cap Lpo Spb Mdk Ltr Hgl Ent NWE Mpu Fs Nca Ec ZR ZW Wca Kzu Ad AF AL As Ptb Tug Ci CN Cp Cr Cu Dh Hd Hj ID IL Pa Hf IN IT KH Kma Kre KW Lh LK MM Mre MT MY Nf Nj NP OM PK BI QA SA Sa Sd SI Si SY TH CMA VN YE Fa Kh PH Ala Bab Bal Bat Bas Bil Boh Bon Bur Bus CagSul Cal Cam CmL CmM Cat Ceb Lj Gau Pre Mv Est Pma Pf Agh Nia Cts Cuy Din Dum Gui Hom Jol Ley Lub Luz Mar Mas Mdo Mno Neg Pal Pan Pao Pol Rom Sam Sar Sga Sia Sib Siq Sis Stu Tab Taw Tic Slo Wb Jh Wri Ire Wjk AU PG Ls NH Mlc Tim Tnm Bgd Bnk Knc Ja Flo Sly Tan Kla Bng Tuk Bnr Sla Kbn NZ NC LO FJ Kgr Ben SI Clc Mhw Kma Mpr NI HK.

HESPERIIDAE

87. *Caprona pillaana* Wallengren,1857 Synonyms: *pillaana* Wallengren,1857; *heterogyna* Mabille,1890. Range: As DJ ET KE MW MZ SA TZ YE ZA Tva Lpo Spb Mdk Kru Pma Ly Wm Mpu Brb ZW.
88. *Coeliades forestan* (Stoll,[1782]) Synonym: *forestan* Stoll,[1782]. Range: ZA Eca Nta Kzu Ptb Tva Lpo Spb Kru Pma Pf Mdk Ent Suw Gau Jh Wri Wm Pre Mpu Brb Dbn Pel Grh Elo Mal Vf ZW BW NA KE TZ UG MG RE SC KM MU.
89. *Coeliades pisistratus* (Fabricius,1793) Synonyms: *pisistratus* Fabricius,1793; *valmaran* Wallengren,1857. Range: ZA ZA14 Lpo Tva Spb Mdk Kru K12 Ent Eca Nta Kzu Ptb MZ ZW BW NA.
90. *Gegenes niso* (Linnaeus,1764) Synonym: *niso* Linnaeus,1764. Range: ZA Nta Kzu Ptb Tva Lpo Spb Mdk Kru K12 Pf.
91. *Gomalia elma* (Trimen,1862) Synonyms: *elma* Trimen,1862; *jeanneli* Picard,1949. Range: Ad AO As BF BI BJ BI BW CF CG CI CM Dh DJ EH ER ET FP GA GH GM GN GO GW Hd IN Poo KE Kre Kul Lhj LK LR LS MR MW MZ NA NE NG OM PK RW SA SD SL SN SO ST SZ TD TG TZ UG Up YE ZA Lpo Tva Spb Mdk Kru K12 Pf Ec Nta Kzu Mll Mpu Brb Ptc Wm Wri Gau Jh ZM ZR ZW.
92. *Kedestes callicles* (Hewitson,1868) Synonyms: *callicles* Hewitson,1868; *aleta* Plötz,1883. Range: SO ET ZA Tva Lpo Spb Mdk Kru K12 Pma Pin Mpu Brb Nel Gau Pre Jh Wm NM AO NG TZ KE.
93. *Leucochitonea levubu* Wallengren,1857 Synonyms: *levubu* Wallengren,1857; *lactea* Plötz,1885; *#defecta* Aurivillius,1925. Range: MW MZ ZW BW NA ZA Ec Tva Lpo Spb Mdk Slp Swt Wb Kru Pma Pf Ly Pin Ptc Wb Buf.
94. *Netrobalane canopus* (Trimen,1864) Synonyms: *canopus* Trimen,1864; *orientalis* Aurivillius,1925. Range: NG CM ZR ZM MW MZ ZW ZA Tva Lpo Spb Kru Pma Pf Suw Ptc Mal Mdk TZ KE UG SD

95. *Pelopidas thrax* (Hübner,[1821]) Synonyms: *thrax* Hübner,[1821]; *midea* Walker,1870. Range: SD ET SO DJ KE UG SZ ZA Nta Kzu Ptb Tva Lpo Gau Mal Spb Mdk Kru Pf Ec Wca Fs Mpu Kny OM Cu CY EG IL Pa IN IR IQ JO Kre Lhj MM Mpr PK SA Sd SI SY TR YE.
96. *Sarangesa motozi* (Wallengren,1857) Synonyms: *motozi* Wallengren,1857; *pato* Trimen,1862; *ophthalmica* Mabilie,1891; *pertusa* Mabilie,1891; *helmi* Karsch,1896; *ophthalmicodes* Strand,1912. Range: ET MZ Del TZ KE ZA Tva Ec Pre Gau Mpu Brb Lpo Spb Mdk Lj Kru Pma Pf Suw Nel AO.
97. *Sarangesa phidyle* (Walker,1870) Synonyms: *phidyle* Walker,1870; *besa* Mabilie,1891; *eliminata* Holland,1896; *deserticola* Rebel,1907; *#varia* Evans,1937. Range: Ad AO As BF BI BJ BW CF CG CI CM Dh DJ EH ER ET FP GA GH GM GN GO GW Hd KE LR LS ML MR MW MZ NA NE NG OM RW SA SD SL SN SO ST SZ TD TG TZ UG YE ZA Nta Tva Lpo NWe Nca Ec Kzu Mpu Fs Pel Mal Vf Spb Mdk ZM ZR ZW.
98. *Sarangesa seineri* Strand,1909 Synonyms: *seineri* Strand,1909; *tanga* Evans,1937. Range: ZR TZ KE ZA Tva Nta Lpo Spb Mdk Nta Kzu Dbn MW ZM ZW AO NA.
99. *Spialia (s.str.) colotes* (Druce,1875) Synonym: *colotes* Druce,1875. Range: Ad As Dh ET KE OM SA SO UG YE ZA Tva Lpo Spb Mdk Kru Pma Ptc Wm Gau Jh NA ZW TZ KE UG.
100. *Spialia (s.str.) delagoae* (Trimen,1898) Synonym: *delagoae* Trimen,1898. Range: ZA NWe Nca Mpu Gau Tva Lpo Spb Mdk Kru Pma Nta Kzu MZ Del SZ AO NA ZW ZM BW UG KE.
101. *Spialia (s.str.) spio* (Linnaeus,1764) Synonyms: *spio* Linnaeus,1764; *vindex* Stoll,[1781]. Range: AO As BF BI BJ BW CF CG CI CM DJ EH ER ET FP GA GH GM GN GO GW Hd KE LR LS ML MR MW MZ NA NE NG RW SA SD SL SN SO ST SZ TD TG TZ UG YE ZA Nta Kzu Ptb Tva Lpo Spb Mdk Kru Pma K12 Wca Cto ZM ZR ZW.
102. *Tagiades (s.str.) flesus* (Fabricius,1781) Synonyms: *flesus* Fabricius,1781; *ophion* Drury,1782; *#ophelia* Evans,1937. Range: SL ZR ZA Tva Lpo Spb Mdk Kru Pma Nta Kzu Ptb Suw Nel Mpu Brb.
103. *Bicyclus safitza* (Westwood,[1850]) Synonym: *safitza* Westwood,[1850]. Range: ZA Kzu Nta Ptb Spb Lpo Tva Mdk Ent Hgl Kru K12 Pf Suw Jh Wri Brb Mpu Gau Bkh.
104. *Dira swanepoeli* (Van Son,1939) Synonym: *swanepoeli* Van Son,1939. Range: ZA Bbg Tva Lpo Spb Lj Mdk Inn Hgl.
105. *Henotesia perspicua* (Trimen,1873) Synonym: *perspicua* Trimen,1873. Range: ZA Kzu Nta Ptb Tva Lpo Kru K12 Spb Ent Mpu Brb Mdk.
106. *Melanitis leda* (Linnaeus,1758) Synonyms: *leda* Linnaeus,1758; *bankia* Fabricius,1775; *barnardi* Lucas,1892. Range: BW ET KE KM MG MZ NA OM SA SC SO TZ UG YE ZA Lpo Tva Spb Mdk ZR ZW KP CN IN PH Ala Bab Bal Bat Bas Bil Boh Bon Bur Bus CagSul Cal Cam CmL CmM Cat Ceb Cts Cuy Din Dum Gui Hom Jol Ley Lub Luz Mar Mas Mdo Mno Neg Pal Pan Pao Pol Rom Sam Sar Sga Sia Sib Siq KH KM MM MY CN ID Stu Tab Taw Tic Kzu Nta Ptb Wp Lj Gau Pre Kru Mll Fva Pma Pf Dbn Ly Mpu Brb AU TH CMa.

Table 1. Spring Aspect of the butterflies. 1.Dombeya rotundifolia, 2. Acacia nigrescens, 3. Albizia anthelmintica, 4. Citrus limon 5. Citrus sp. 6. Lavandula, 7. Acacia robusta 8. Senecio, 9. Polygala myrtifolia, 10. Ehretia rigida,11. Brunfelsia pauciflora, 12. Dianthus. x – observed during sipping nectar, y – observed sipping juice of fruits, z – observed at decaying fruits, * - no feeding observation.

| Names of the Taxa | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|
| Papilionidae (4 species) | | | | | | | | | | | | |
| Princeps demodocus | | | x | x | x | | x | | | | | |
| Princeps constantinus | | | x | | x | x | x | | | | x | x |
| Princeps nireus | | | x | x | x | | | | | | x | |
| Graphium antheus | | x | | | | | x | | | | | |
| Pieridae (19 species) | | | | | | | | | | | | |
| Catopsilia florella | | x | x | x | x | | x | | | | | |
| Eurema hecabe* | | | | | | | | | | | | |
| Eurema brigitta | | | | | x | | | | | | | |
| Belenois creona | x | x | x | x | x | x | x | x | | x | | |
| Belenois aurota | | | | | | x | | | | | | |
| Belenois gidica | x | x | x | | x | x | | | | | | |
| Nepheronia thalassina | | | | | x | | | | | | x | x |
| Mylothris agathina | | | x | | x | x | x | | | | | |
| Mylothris rueppelii | | | x | | x | | x | | | | | |
| Dixeia pigea | | | | | x | | | | | | | |
| Dixeia doxo* | | | | | | | | | | | | |
| Colotis danae | | | | | | x | | | | | | |
| Colotis vesta | | | | | | x | x | | | | | |

| | | | | | | | | | | | | |
|--------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|
| Colotis eris | | | | | x | x | | | | | | |
| Colotis reginus | | x | | | x | | | | | | | |
| Colotis auxo* | | | | | | | | | | | | |
| Colotis agoye | | | | | | x | | | | | | |
| Colotis pallene | | | | | | x | | | | | | |
| Pinacopterix eriphia | | | | | x | x | x | | | | | |
| Danaidae (1 species) | | | | | | | | | | | | |
| Danaus chrysippus | | | | | | x | x | | | | | |
| Satyridae (2 species) | | | | | | | | | | | | |
| Henotesia perspicua* | | | | | | | | | | | | |
| Bicyclus safitza* | | | | | | | | | | | | |
| Argynnidae (16 species) | | | | | | | | | | | | |
| Charaxes varanes* | | | | | | | | | | | | |
| Charaxes phaeus | | | | | y | | x | | | | | |
| Charaxes jasius* | | | | | | | | | | | | |
| Charaxes brutus | | | | | | | x | | | | | |
| Charaxes candiope* | | | | | | | | | | | | |
| Charaxes jahlusa | | | | | | | x | | | | | |
| Charaxes zoolina* | | | | | | | | | | | | |
| Charaxes bohemani* | | | | | | | | | | | | |
| Hypolimnas misippus* | | | | | | | | | | | | |
| Phalanta phalanta | | | | | | | x | | | | | |
| Biblia ilythia* | | | | | | | | | | | | |
| Precis oenone | | | | | | | x | | | | | |
| Precis cebrene | | | | | | | x | | | | | |
| Hamanumida daedalus | | | | | z | | | | | | | |
| Neptis sacclava marpessa* | | | | | | | | | | | | |
| Eurytela dryope * | | | | | | | | | | | | |
| Acraeidae (4 species) | | | | | | | | | | | | |
| Acraea eponina | | x | | | | | x | | | | | |
| Acraea horta* | | | | | | | | | | | | |
| Acraea obeira* | | | | | | | | | | | | |
| Acraea natalica | | | | | | | x | | | | | |
| Acraea caldarena | | | | | | | x | | | | | |
| Bematistes aganice* | | | | | | | | | | | | |
| Lycaenidae (13 species) | | | | | | | | | | | | |
| Aeolodes damarensis* | | | | | | | | | | | | |
| Axiocerces amanga* | | | | | | | | | | | | |
| Cnodontes pallida * | | | | | | | | | | | | |
| Lampides boeticus | | | | | | | | | x | | | |
| Leptotes babaulti | | | | x | | x | | | | | | |
| Tuxentius melaena* | | | | | | | | | | | | |
| Azanus jesus | | | | | | x | | | | | | |
| Azanus ubaldus | | | | x | | | | | | | | |
| Virachola antalus* | | | | | | | | | | | | |
| Anthene amarah* | | | | | | | | | | | | |
| Iolus mimosae | | | | x | | | x | | | | | |
| Cigaritis natalensis* | | | | | | | | | | | | |
| Iolus bowkeri* | | | | | | | | | | | | |
| Zizeeria knysna* | | | | | | | | | | | | |
| Oraidium barberae* | | | | | | | | | | | | |
| Hesperiidae (8 species) | | | | | | | | | | | | |
| Spialia spio | | | | | | x | | | | | | |
| Spialia delagoae* | | | | | | | | | | | | |
| Sarangesa phidyle | | | | x | x | x | x | | x | | | |
| Sarangesa seineri | | | | x | x | x | | | | | | |
| Sarangesa motozi* | | | | | | | | | | | | |
| Caprona pillaana* | | | | | | | | | | | | |
| Gomalia elma* | | | | | | | | | | | | |
| Kedestes callicles* | | | | | | | | | | | | |
| Gegenes niso* | | | | | | | | | | | | |
| Pelopidas thrax | | | | x | | | | | | | | |
| Coeliades pisistratus | | | | x | | | | | | | | |
| Netrobalane canopus | | | | x | x | | | | | | | |
| Total 75 species | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

Nomenclatural notes on the *Papilionidae* (*Lepidoptera*)

Muhabbet Kemal & Ahmet Ömer Koçak

Abstract: Nomenclatural notes on the *Papilionidae* (*Lepidoptera*). *Cent. Ent. Stud., Misc. Pap.* 91 /92: 10-11. In this paper, four subspecific replacement names are proposed due to the primary homonymy under the Homonymy Rules of the ICZN. Due to the same reason, one subspecific name is revived. Two junior primary homonyms are mentioned but no replacement name proposed.

Key words: *Lepidoptera*, *Papilionidae*, homonymy, replacement names.

Papilionidae

***Chilasa* (s.str. (*Cadugoides*)) *epycides* ssp. *muhabbet* (nomen novum) Koçak**

Chilasa (s.str. (*Cadugoides*)) *epycides* ssp. *muhabbet* (nomen novum) pro *Papilio epycides* ssp. *camilla* Rousseau-Decelle, 1947 (Bull. Soc. ent. Fr. 51: 128) nec *Papilio camilla* Linnaeus, 1764, currently placed in the genus *Limenitis* Fabricius, 1807 (*Nymphalidae*).

Range: Viet Nam: Tonkin.

***Graphium* (*Pathysa*) *decolor* ssp. *cesaella* (nomen novum) Kemal & Koçak**

Graphium (*Pathysa*) *decolor* ssp. *cesaella* (nomen novum) pro *Papilio euphrates* ssp. *atratus* Rothschild, 1895 (Novit. Zool. 2: 414) nec *Papilio atratus* Esper, 1793 (used in the family *Satyridae*).

Range: Philippines: Mindoro, Bohol.

***Princeps* (*Menelaides* (*Iliades*)) *alcmenor* ssp. *kemal* (nomen novum) Koçak**

Princeps (*Menelaides* (*Iliades*)) *alcmenor* ssp. *kemal* (nomen novum) pro *Papilio alcmenor* ssp. *irene* Joicey & Talbot, 1921 (Bull. Hill Mus. 1: 168, pl. 20 figs. 3, 4) nec *Papilio irene* Drury, [1782] (placed in the family *Nymphalidae*) non *Papilio irene* Hübner, [1805] (placed in the family *Satyridae*).

The name *Papilio alcmenor* ssp. *irene* Chun, 1929 (Descr. new Butts.: 16) from Hainan is also invalid as it is junior homonym of *Papilio irene* Drury, [1782] and *Papilio irene* Hübner, [1805] respectively.

Range: China: Hainan Island.

***Princeps* *fuelleborni* ssp. *neocesa* (nomen novum) Kemal & Koçak**

Princeps fueleborni ssp. *neocesa* (nomen novum) pro *Papilio sjöstedti* var. *atavus* Le Cerf, 1912 (Bull. Soc. ent. Fr. 1912: 336) nec *Papilio polytes* ssp. *atavus* Rothschild, 1895, Novit. zool. 2: 353 (placed in the family *Papilionidae*).

Range: Tanzania.

***Princeps rex ssp. alinderi* (Bryk,1928) ssp.rev.**

Papilio rex f. commixtus Aurivillius,1898, [in] Seitz,A., Gross-Schmett. Erde: 12. This name is considered by Ackery et al. (1995: 156) as valid name of the subspecies. This name cannot be considered as valid, as it is junior primary homonym of *Papilio clytia commixtus* Rothschild,1895, Novit. zool. 2: 367. The next available name is *Papilio rex* var. *alinderi* Bryk,1928. The latter is revived here as the valid name of the taxon.

Range: Kenya.

***Princeps rex ssp. regulana* Vane-Wright,1995**

Papilio rex f. endymion Stoneham,1951 nec *Papilio endymion* Fabricius,1775 (currently placed in the family *Lycaenidae*) (**hom.n.**)

Range: Kenya.

***Papilio macilentus* Janzon,1877**

Papilio macilentus f. minima Sheljuzhko,1913 (Dt. ent. Z., Iris 27: 15) is invalid, as being junior primary homonym of *Papilio minimus* Fuessly,1775 (currently placed in the family *Lycaenidae*) (**hom.n.**)

Range: Japan: Sandai, Kagoshima.

Nomenclatural notes on various taxa of the moths (*Lepidoptera*)

Muhabbet Kemal Ahmet Ömer Koçak

Abstract: Nomenclatural notes on various taxa of the moths (*Lepidoptera*). *Cent. Ent. Stud., Misc. Pap.* 91 /92: 11-14.

In this paper, one subspecific, eight generic names are found as invalid due to the Homonymy Rules. Consequently, the following replacement names are proposed: *Ethmia lecmima* ssp. *amsel* (*Ethmiidae*), *Yoshiyasua*, *Bassiknysna* (*Pyralidae*), *Chiangmaiana*, *Yakovlevina* (*Cossidae*), *Schintlmeistera*, *Cauphucia*, *Vietnamina*, *Lanna* (*Notodontidae*), *Eitschbergera* (*Sphingidae*), *Razowskina* (*Tortricidae*).

In accordance to the Homonymy Rules of the ICZN, the following homonymy have been determined and the replacement names proposed.

Ethmiidae***Ethmia lecmima* Sattler,1967**

Range of the species: Iran, Afghanistan.

***Ethmia lecmima* ssp. *amsel* (nom. nov.)**

The subspecific name *heratella* Amsel, 1969 is invalid, as it is junior primary homonym of *nec* Ams., 1969. Therefore, we propose here a replacement name *amsel* (nom. nov.), dedicating to the author of the taxon, who has a valuable contribution to the Microlepidoptera fauna of the Palaearctic Region.

Range: Afghanistan: Herat.

Pyralidae***Yoshiyasua* (nom. nov.)**

Melanochoa Yoshiyasu, 1985 (Scientific Rep., Kyoto prefect. Univ. (Agric.) 37: 134) is invalid, as it is junior homonym of *Melanochoa* Broun, 1882 [Coleoptera] and *Melanochoa* Röder, 1886 [Diptera]. Therefore, we propose here a replacement name *Yoshiyasua* (nom. nov.) pro *Melanochoa* Yoshiyasu, 1985 nec Broun, 1882 and Röder, 1886, dedicating to the author of the taxon, who has a valuable contribution to the *Pyralidae* fauna of Thailand and Japan.

Range: Thailand.

***Bassiknysna* (nom. nov.)**

Knysna Bassi, 1999 (Riv. Piemont Stor. Nat. 20: 210) is invalid, as it is junior homonym of *Knysna* Peringuey, 1902 [Coleoptera]. Therefore, we propose here a replacement name *Bassiknysna* (nom. nov.) pro *Knysna* Bassi, 1999 nec Peringuey, 1902, dedicating to the author of the taxon, who has a valuable contribution to the *Pyralidae* fauna of South Africa.

Range: South Africa.

Cossidae***Chiangmaiana* (nom. nov.)**

Nirvana Yakovlev, 2005 (Atalanta 35 (3/4): 384) is invalid, as it is junior homonym of *Nirvana* Kirkaldy, 1900 [Hemiptera]. Therefore, we propose here a replacement name *Chiangmaiana* (nom. nov.) pro *Nirvana* Yakovlev, 2005 nec Kirkaldy, 1900, for the province Chiang Mai, in northern Thailand due to its very rich Arthropoda fauna.

Range: North Thailand, Chiang Mai; S. China.

***Yakovlevina* (nom. nov.)**

Garuda Yakovlev, 2005 (Atalanta 35 (3/4): 377) is invalid, as it is junior homonym of *Garuda* Scherer, 1969 [Coleoptera]. Therefore, we propose here a replacement name *Yakovlevina* (nom. nov.) pro *Garuda* Yakovlev, 2005 nec Scherer, 1969, dedicating to the author of the taxon, who has a valuable contribution to the *Cossidae* fauna of Indo-China.

Range: China: Yunnan.

Notodontidae***Schintlmeistera* (nom. nov.)**

Lupa Schintlmeister, 1997 (Entomofauna Suppl. 9 (4): 126) is invalid, as it is junior homonym of *Lupa* Leach, 1814 [Crustacea] and *Lupa* De Haan, 1833 [Crustacea]. Therefore, we propose here a replacement name Subgen. *Schintlmeistera* (nom. nov.), in the genus *Pheosiopsis* Bryk, 1949, pro *Lupa*

Schintlmeister, 1997 nec Leach, 1814 and De Haan, 1833, dedicating to the author of the taxon, who has a valuable contribution to the *Notodontidae* fauna of the Orientalic Region.
Range: Vietnam.

***Cauphucia* (nom. nov.)**

Letitia Schintlmeister, 1997 (Entomofauna Suppl. 9 (4): 125) is invalid, as it is junior homonym of *Letitia* Iredale, 1941 [*Mollusca*]. Therefore, we propose here a replacement name subgen. *Cauphucia* (nom. nov.) in the genus *Pheosiopsis* Bryk, 1949 pro *Letitia* Schintlmeister, 1997 nec Iredale, 1941. Cau Phuc is the name of “Praying for good fortune Festival” in Vietnam.
Range: Vietnam.

***Vietnamina* (nom. nov.)**

Dymantis Schintlmeister, 1997 (Entomofauna Suppl. 9 (4): 115) is invalid, as it is junior homonym of *Dymantis* Stal, 1861 [*Hemiptera*]. Therefore, we propose here a replacement name subgen. *Vietnamina* (nom. nov.), in the genus *Pseudofentonia* Strand, 1912 pro *Dymantis* Schintlmeister, 1997 nec *Dymantis* Stal, 1861.
Range: Vietnam.

***Lanna* (nom. nov.)**

Mimus Schintlmeister, 1989 (Type-species: *Heterocampa obliquiplaga* Moore, 1879) is invalid, as it is junior homonym of *Mimus* Boie, 1826 [*Aves*] and *Mimus* Fahreus, 1871 [*Coleoptera*]. Therefore, we propose here a replacement name subgen. *Lanna* (nom. nov.), in the genus *Pseudofentonia* Strand, 1912. pro *Mimus* Schintlmeister, 1989 nec *Mimus* Boie, 1826 non *Mimus* Fahreus, 1871.
Lanna means in Thai “land of a million rice fields”. On the other hand, it is the name of ancient kingdom in northern Thailand.
Range: Vietnam, Thailand, Myanmar.

Sphingidae

***Eitschbergera* (nom. nov.)**

Mandarina Eitschberger, Danner & Surholt, 1998 (Herbipoliana 4 (1): 126) is invalid, as it is junior homonym of *Mandarina* Pilsbry, 1894 [*Mollusca*]. Therefore, we propose here a replacement name Subgen. *Eitschbergera* (nom. nov.), in the genus *Hemaris* Dalman, 1816, pro *Mandarina* Eitschberger, Danner & Surholt, 1998 nec Pilsbry, 1894, dedicating to the first author of the taxon, who has valuable contributions to the *Lepidoptera*, particularly *Sphingidae* taxonomy and fauna of the Palaearctic and Orientalic Region.
Range: Palaearctic.

Note: Other subgenera in the genus *Hemaris* Dalm., i.e., *Saundersia* Eitschberger, Danner & Surholt, 1998 and *Jilinga* Eitschberger, Danner & Surholt, 1998 are also junior homonyms of *Saundersia* Schiner, [1868] (*Diptera*), *Saundersia* Reuter, 1876 (*Hemiptera*), *Saundersia* Dwight, 1925 (*Aves*), *Jilinga* Ghauri, 1974 (*Hemiptera*); therefore, they are invalid.

Tortricidae

***Razowskina* (nom. nov.)**

Silenis Razowski, 1987 (Tinea 12 (Suppl.): 128) is invalid, as it is junior homonym of *Silenis* Neckaja, 1958 [*Crustacea*]. Therefore, we propose here a replacement name *Razowskina* (nom. nov.), pro

Silenis Razowski, 1987 nec Neckaja, 1958, dedicating to the author of the taxon, who has valuable contributions to the World Tortricidae.

Range: Brazil, Bolivia, Chile.

Nomenclatural Corrections on some Neotropical *Sphingidae* (*Lepidoptera*)

Muhabbet Kemal Ahmet Ö. Koçak

Abstract: Nomenclatural Corrections on some Neotropical *Sphingidae* (*Lepidoptera*). *Centr. ent. Stud., Misc. Pap.* 91/92: 14. This paper deals with some nomenclatural corrections of sphingid species from South America. *Madoryx plutonius* (Hübner, [1819]) is proposed as valid name. *Sphinx pluto* Cramer, 1779 is invalid as being junior primary homonym of *Sphinx pluto* Fabricius, 1777 (**syn.nov.**).

Key Words: *Madoryx plutonius*, *Madoryx pluto*, *Sphingidae*, *Lepidoptera* nomenclature, new synonym, South America.

Checklist of the Neotropical *Lepidoptera*, covering the family *Sphingidae* has been published by Carcasson & Heppner (1996). During our preparation on the world wide data base program on the *Lepidoptera*, one species, *Madoryx pluto* (Cramer, 1779) described from Surinam has been found by us as junior primary homonym. According to the current Zoological Code, this name must be treated as invalid. This short nomenclatural note has been prepared for this purpose. Our proposal are given below:

a) *Madoryx plutonius* (Hübner, [1819]) (sp. rev.)

= *Sphinx pluto* Cramer, 1779 nec Fabricius, 1777 (**syn.nov.**)

= *Hemeroplanes plutonius* Hübner, [1819]

= *Madoryx deborrei* Boisduval, [1875]

Sphinx pluto Cramer, 1779 is invalid as being junior primary homonym of *Sphinx pluto* Fabricius, 1777. The latter is currently used as valid name of a sphingid species in the genus *Xylophanes* Hübner, [1819] of the South America.

The name *Hemeroplanes plutonius* Hübner, [1819] must be used as valid name for the species under discussion.

Range of the species: South and Central America.

b) *Madoryx bubastus* (Cramer, 1777)

= *lyncus* Boisduval, [1875]

= *#babastus* Carcasson & Hepner, 1996 incorrect subsequent spelling (**syn.nov.**)

c) Read date of publication of “*Xylophanes ceratomioides*” as “1867” instead of “1967” (see page 59, Carcasson & Heppner, 1996).

Reference:

Carcasson, R.H. & J.B. Heppner, 1996, *Sphingidae* [in] J.B. Heppner (ed.), *Atlas of Neotropical Lepidoptera. Checklist Part 4B Drepanoidea- Bombycoidea- Sphingoidea*. pp. 50-60. Scientific Publishers.

Nomenclatural notes on the South African *Lepidoptera* (*Gelechiidae*, *Lymantriidae*)

Muhabbet Kemal Ahmet Ömer Koçak

Abstract: Nomenclatural notes on South African *Lepidoptera* (*Gelechiidae*, *Lymantriidae*). *Centr. Ent. Stud., Misc. Pap.* 91/92: 15.

This paper deals with the following replacement names of the moth taxa of South Africa: *Antoniejanse* (nom. nov.) in the family *Gelechiidae*, and *Lymantria heringi* (nom. nov.) in the family *Lymantriidae*.

Key Words: *Lepidoptera*, *Lymantria heringi disparina* *Gelechiidae* South Africa.

GELECHIIDAE

Antoniejanse (nom. nov.)

Paratelphusa Janse, 1958 (Moths of South Africa, Transvaal Museum, Pretoria 6: 61) is invalid, as it is junior homonym of *Paratelphusa* Zehntner, 1894 (Revue suisse Zool. 2: 169) [*Crustacea*]. Therefore, in accordance with the Homonymy Rules of ICZN, We propose here a replacement name *Antoniejanse* (nom. nov.) pro *Paratelphusa* Janse, 1958 nec *Paratelphusa* Zehntner, 1894. We dedicate this name to Antonie Johannes Theodorus Janse, who had great contributions to the *Lepidoptera* fauna and taxonomy of South Africa.

Type-species: *Paratelphusa griseoptera* Janse, 1958.

Species included:

Antoniejanse griseoptera (Janse, 1958) (**comb.n.**)

Antoniejanse reducta (Janse, 1958) (**comb.n.**)

Range: South Africa.

LYMANTRIIDAE

Lymantria heringi (nom. nov.)

Aclonophlebia disparina Hering, 1926 ([in] Seitz, A., Die Gross-Schmett. Erde 14: 192) is invalid, as it is junior secondary homonym of *Phalaena disparina* Müller, 1802 (Fauna Lepidopterorum Silesiaca 3:1) (currently considered in the genus *Lymantria* Hbn. (*Lymantriidae*)) (cf. Vari et al., 2002: 169). Therefore, in accordance with the Homonymy Rules of ICZN, We propose here a replacement name, *Lymantria heringi* (nom. nov.) pro *Lymantria disparina* (Hering, 1926) nec [*Lymantria*] *Phalaena disparina* Müller, 1802.. We dedicate this name to the author of the taxon, who has great contributions to the *Lepidoptera* fauna and taxonomy of Africa.

Range: South Africa: Transvaal (Limpopo Prov.).

Reference:

Vari, L. et al., 2002, Classification and checklist of the species of *Lepidoptera* recorded in Southern Africa. xxii+384pp. Sasolburg, South Africa.

Contents / İçindekiler: Kemal, M. & A.Ö. Koçak, Butterflies of Medike (Soutpansberg Mountains, South Africa) with some notes on spring butterflies (Lepidoptera), p.1 – Kemal, M. & A.Ö. Koçak, Nomenclatural notes in the butterflies (Lepidoptera, Papilionidae), p. Kemal, M. & A.Ö. Koçak, Nomenclatural notes on various taxa of the moths (Lepidoptera), p. 11-13. - Kemal, M. & A.Ö. Koçak, Nomenclatural Corrections on some Neotropical *Sphingidae* (Lepidoptera). p.14 - Kemal, M. & A.Ö. Koçak, Nomenclatural notes on South African *Lepidoptera* (*Gelechiidae*, *Lymantriidae*), p. 15 -Editorial, p.16.

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